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The Constancy of the Bacterial Flora of Fore Milk. By H. L. BOLLEY.

The Watermelon Wilt and other Wilt Diseases due to *Fusarium*. By ERWIN F. SMITH.

Antidromy in Plants. By GEORGE MACLOSIE.

Proceedings of the Botanical Society of America, Springfield Meeting, Aug. 26th and 27th, 1895.

The botanists conducted their sessions at the meeting of the Botanical Society of America with Prof. Wm. Trelease, President, in the chair, and Prof. C. R. Barnes, Secretary. They elected Prof. C. E. Bessey, President; Prof. W. P. Wilson, Vice-President; Prof. C. R. Barnes, Secretary, and Mr. Arthur Hollick, Treasurer, for the ensuing year. They also elected Dr. A. W. Chapman an honorary member; and Mr. M. S. Bebb, Prof. W. R. Dudley, Prof. D. P. Penhallow and Prof. W. A. Setchell as active members. It was decided to deposit such books and pamphlets as may be received for the Society, in the Library of the Missouri Botanical Garden.

Most of the papers presented were brief summaries of larger works and enterprises, on which the authors are engaged.

Mrs. N. L. Britton read a paper on "Some Notes on a Revision of the genus *Mnium*," in which an attempt was made to show how nearly the American specimens correspond with European types and descriptions.

Dr. N. L. Britton gave a brief account of the history of the founding of the New York Botanical Garden, describing the site in Bronx Park and outlining the plans of the board of managers.

Prof. L. H. Bailey presented the following resolution which was passed unanimously:

"*Resolved*, That the Botanical Society of America express its thanks to Dr. N. L. Britton for his account of the condition and progress of the movement for a botanical garden in the City of New York, and congratulate the people of that city on the prospect of its rapid development; and, furthermore, that the Society commend the board of managers of the garden and its board of scientific directors for their wisdom in securing a broad foundation and an assurance of liberal management."

Prof. George F. Atkinson presented a paper as a contribution to the knowledge of North American phycophilous fungi.

Mr. Arthur Hollick exhibited a series of plates illustrating the fossil leaves of *Liriodendropsis*, contrasting them with the stages of development of the leaves in *Liriodendron*, showing that there is a parallelism between the shapes of the earliest rudimentary leaves of the living species with that of the development of the fossil ones.

Prof. Roland Thaxter exhibited the plates of a monograph on the Laboulbeniaceae which he is preparing, explaining the structure of these minute fungi, which grow on living insects, and describing several new genera and species. He also made a few remarks on the phycomycetous fungi, and showed diagrams of one new genus and species.

Mr. F. V. Coville gave a brief abstract of his revision of the genus *Juncus*, subdividing it into subgenera, and recognizing seventy-six species in North America.

Prof. Chas. R. Barnes made remarks on a revision of the genus *Dicranum* which he is preparing, with the assistance of Mr. Rodney H. True, recognizing thirty-three North American species, and explaining his reasons for rejecting several recently described.

Index to recent Literature relating to American Botany.

Anderson, A. P. The Grand Period of Growth in a Fruit of *Cucurbita Pepo*, determined by Weight. Bull. Geol. Nat. Hist. Surv. Minn. 9: 238-279. *pl.* II-20. 5 Mr. 1895.

Bessey, C. E. A Protest against the "Rochester Rules." Am. Nat. 29: 666-668. Jl. 1895.
Opposes the Harvard herbarium recommendations.

Bessey, C. E. Progress of the Botanical Survey of Nebraska. Am. Nat. 29: 580-582. Je. 1895.

Bolander, H. N. A new *Erythronium*. Eryth. 3: 127. 15 Au. 1895.
Erythronium Johnsonii from southern Oregon.

Coulter, J. M. and Rose, J. N. *Deanea*, a new Genus of Umbelliferae from Mexico. Bot. Gaz. 20: 372. *pl.* 27. 15 Au. 1895.